

Geotechnical Division



MAIN FIELDS OF APPLICATION

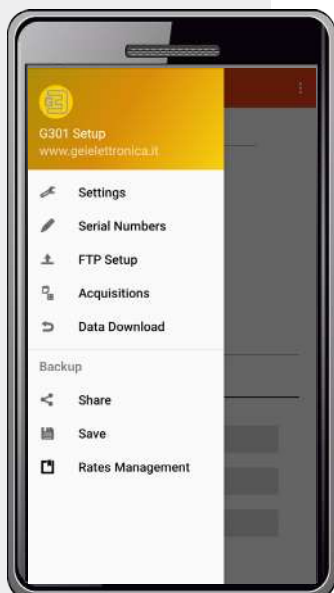
- Geotechnical engineering
- Hydrology
- Meteorology

BLUETOOTH and WI-FI
interface Datalogger



FLG301_ENG_0.0.0.



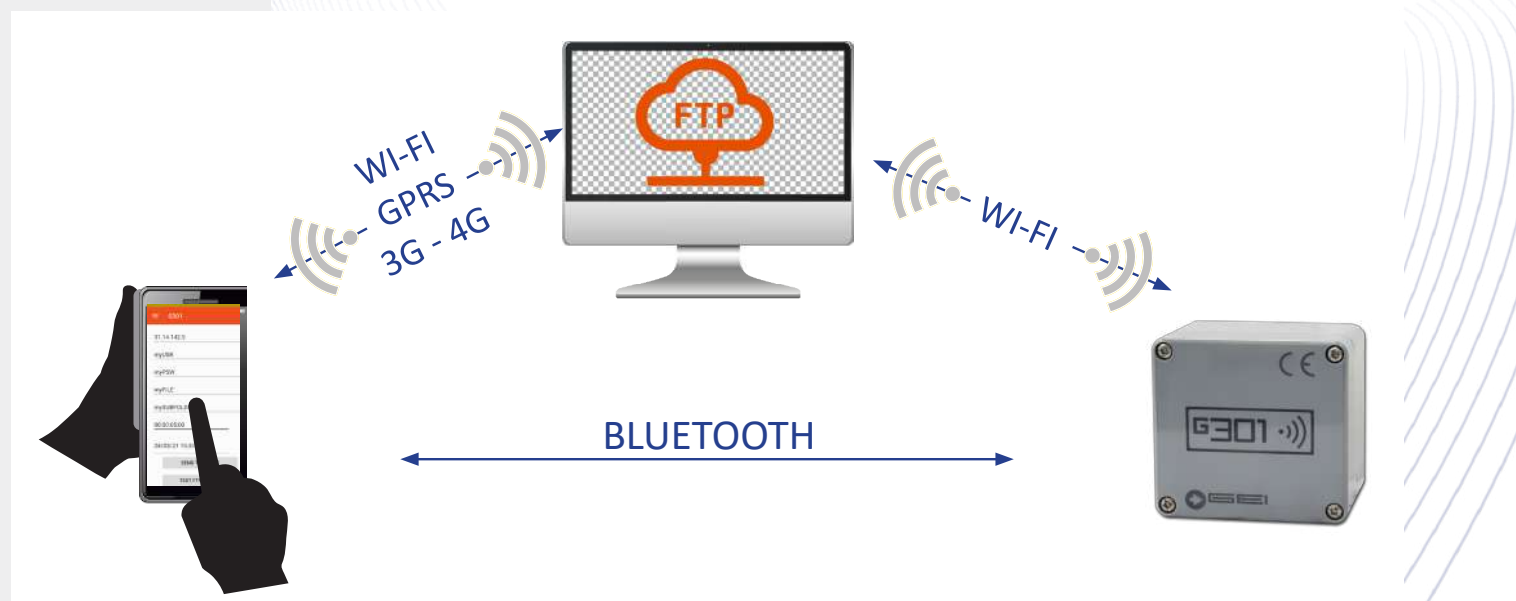


G301 is a Bluetooth - Wi Fi interface datalogger used for the acquisition of digital instrumentation on the RS485 network for geotechnical / environmental / structural applications. The connection of the product to standard Wi-Fi networks allows the remote control of the data on the Cloud using the FTP protocol.

The G301 APP, supplied, allows the operator to use the Bluetooth connection of their Android smartphone, to manage the datalogger, view or download data and share them via the Android features.

Using the APP it is possible to:

- CONFIGURE sensors;
- SET sampling periods;
- READ individual sensors or entire chains;
- SET protocols (DSAS, MUMS, MODBUS, etc.);
- SET FTP connections;
- MANAGE files and folders remotely;
- STORE and SEND read data via WhatsApp, e-mail, FTP, etc.



Technical Features

- System requirements:	Android 4.4.2 API level 19 KitKat or higher;
- Signal inputs:	Digital (RS-485);
- Power supply:	Internal battery from 5.5V to 14V typical 10.8V;
- Sensor power supply:	Battery voltage;
- Current absorption:	Max 60mA @ 12V;
- Average absorption current at 12V:	Acq + FTP 33mA
	Acq + B.T. 73mA;
- Absorption in Standby at 12V:	0.5uA;
- Sensor connection:	Digital RS-485;
- Operating temperature:	from -20 °C to + 70 °C;
- Degree of protection:	IP 67;
- Dimensions:	80 x 75 x 70 mm;
- Weight:	170 gr..



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